



JON M. HUNTSMAN, JR.
Governor
GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director
JOHN R. BAZA
Division Director

Inspection Report

Supervisor 1027

Minerals Regulatory Program

Date of Report: May 4, 2007

Mine Name: Walker Flat
Operator Name: Miracle Rock Mining and Research

Permit number: S0150081
Inspection Date: April 12, 2007
Time: 8:20-8:40 AM

Inspector(s): Paul Baker
Other Participants: None
Mine Status: Reclaimed

Weather: Partly cloudy, 30s

Elements of Inspection

	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

The primary purpose of the inspection was to see whether vegetation was growing.

Inspection Summary:

10. Revegetation

The area was seeded in the spring of 2006, but I do not believe there was any growth in 2006. During this inspection, I found numerous grass seedlings in the depressions. I believe much of the seed was able to survive the summer and is now growing.

Conclusions and Recommendations:

The Division and the operator need to continue to monitor the site. Although the grass has germinated, it needs to receive continued moisture during the spring for it to become established.

Vegetation in the surrounding undisturbed area is almost exclusively mat saltbush, and there are very few grasses. Because these surrounding areas have so little grass, I have some concerns whether grass can survive in the reclaimed area. The depressions should maximize the chances for the grass to continue to grow.

The seed mix included shadscale and Castle Valley clover, two species adapted to very salty conditions, and while I saw no signs of these species, I know that the seed of both of them can be very dormant and germinate a few years after the initial seeding.

There were no signs of erosion problems. I expect the gouges to provide good erosion control.

Inspector's Signature PRB M Date: 5/10/07

Inspector's initials: PBB

cc: David Taylor, Miracle Rock

Attachment: GPS map and Photos

P:\GROUPS\MINERALS\WP\M015-Emery\S0150081-WalkerFlat\inspections\ins-04122007.doc

ATTACHMENT

Photographs

S0150081, Walker Flat Mine, Miracle Rock Mining and Research

Inspection Dated: April 12, 2007; Report Dated: May 4, 2007



Photo 1. This photo and Photo 2 are overviews of the disturbed area. Note the roughening.



Photo 2.



Photo 3. Many of the depressions have grass seedlings.

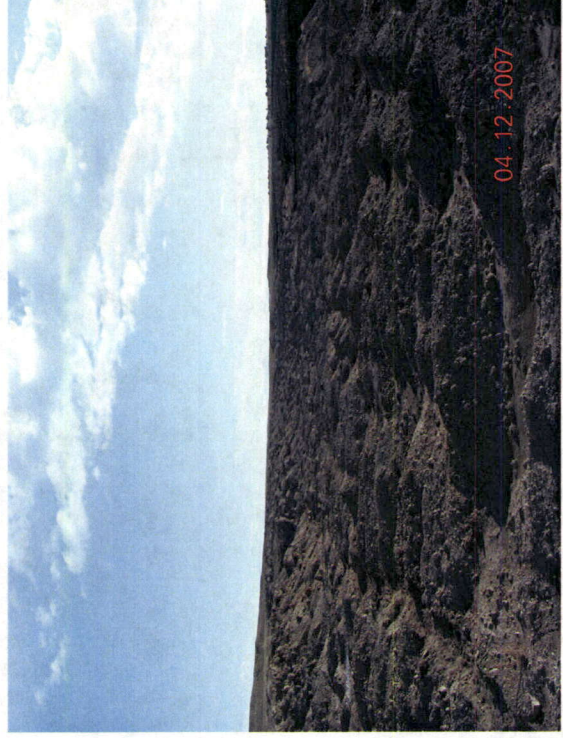


Photo 4. A closer view showing the roughening.